

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A high power lithium unit cell, comprising:
at least one rectangular anode cathode plate having an anode a cathode collector, at least one surface of the anode cathode collector being coated with an active material of anode cathode;
at least one rectangular eathode anode plate having a anode collector, at least one surface of the eathode anode collector being coated with an active material of eathode anode;
at least one separation film inserted between the rectangular anode cathode plate and the rectangular eathode anode plate, and providing electric insulation;
an anode a cathode terminal connected to an anode a cathode plate connecting part which protrudes from either of two long sides of four sides of the rectangular anode cathode plate; and
a eathode an anode terminal connected to a eathode an anode plate connecting part which protrudes from either of two long sides of four sides of the rectangular eathode anode plate.
2. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode terminal and the eathode anode terminal protrude in opposite directions.
3. (Currently amended) The high power lithium unit cell according to claim 2, wherein the anode cathode terminal has a width corresponding to about 1/5 to 1 of a length of the long side of the anode cathode plate, and the eathode anode terminal has a width corresponding to about 1/5 to 1 of a length of the long side of the eathode anode plate.
4. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode terminal and the eathode anode terminal protrude in the same direction.
5. (Currently amended) The high power lithium unit cell according to claim 4, wherein the anode cathode terminal has a width corresponding to about 1/8 to 1/2 of a length of the long side of the anode cathode plate, and the eathode anode terminal has a width corresponding to about 1/8 to 1/2 of a length of the long side of the eathode anode plate.
6. (Currently amended) The high power lithium unit cell according to claim 1, wherein the anode cathode plate connecting part and the anode plate connecting part are connected to the anode cathode terminal and the eathode anode terminal, respectively, through welding.

7. (Currently amended) The high power lithium unit cell according to claim 1, wherein the ~~anode~~ cathode plate connecting part and the ~~cathode~~ anode plate connecting part are coated with a highly conductive material and compressed against the ~~anode~~ cathode terminal and the ~~cathode~~ anode terminal so as to be connected to the ~~anode~~ cathode terminal and the ~~cathode~~ anode terminal, respectively.

8. (Currently amended) The high power lithium unit cell according to claim 1, wherein the ~~anode~~ cathode plate connecting part and the ~~cathode~~ anode plate connecting part are connected to the ~~anode~~ cathode terminal and the ~~cathode~~ anode terminal, respectively, using an adhesive containing a highly conductive material.

9. (Currently amended) A high power lithium battery pack, comprising:
at least one high power lithium unit cell, comprising:
at least one rectangular ~~anode~~ cathode plate, separation film, and rectangular ~~cathode~~ anode plate sequentially laminated;
an ~~anode~~ cathode terminal extending outwards from either of two long sides of four sides of the rectangular ~~anode~~ cathode plate; and
a ~~cathode~~ anode terminal extending outwards from either of two long sides of four sides of the rectangular ~~cathode~~ anode plate;
at least two gaskets laminated on both surfaces of the high power lithium unit cell; and
a pair of support plates laminated on the outermost gaskets at least.

10. (Original) The high power lithium battery pack according to claim 9, wherein each of the support plates is made of a conductive material for heat emission.

11. (Currently amended) The high power lithium battery pack according to claim 9, wherein air flows through space defined between the ~~anode~~ cathode terminal, the ~~cathode~~ anode terminal, and the support plates, thus maintaining temperature of the high power lithium unit cell.

12. (Original) The high power lithium battery pack according to claim 11, wherein the high power lithium unit cell maintains a temperature range of -20°C to 50°C.

13. (Original) The high power lithium battery pack according to claim 11, wherein the high

power lithium unit cell maintains a temperature range of 0° C to 40°C.